

Faculti Summary

<https://faculti.net/towards-sustainable-construction/>

This video discusses strategies for promoting sustainable contracting practices, particularly in the timber construction sector. The speaker outlines three main research areas:

1. **Book Publication**: The speaker is writing a book titled *The Sustainable Development and Contracting in Asia*, set for publication at the end of the year, which aims to provide a comprehensive view of sustainable contracting principles across Asian countries.
2. **Funding Projects**: One initiative focuses on an "Environmental Sustainability Education Program" for the contracting industry. This video program aims to enhance awareness and skills related to environmental sustainability among construction professionals and laborers, specifically focusing on reducing waste and energy consumption.
3. **Research Publications**: The speaker has also published a special issue in a sustainability journal, emphasizing sustainable contracting best practices to promote environmental protection and economic development.

This video further highlights several strategies for effective implementation of sustainable contracting, including:

- **Education and Training**: Developing educational resources for universities and providing onsite training for construction workers.
- **Policy and Regulatory Framework**: Encouraging governments to establish policies that adhere to high environmental and ethical standards in contracting.
- **Adoption of Smart Technologies**: Utilizing technologies like 3D printing and digital modeling to enhance sustainability in construction operations.

Additionally, the speaker mentions successful case studies and the importance of ongoing monitoring and education to improve practices in the industry. There is an emphasis on integrating economic, environmental, and social sustainability to address industry challenges and promote long-term resilience.

Finally, the speaker calls for further research into qualitative methods for measuring sustainability performance in contracting to complement existing quantitative measures.